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PTO/SB/08A (08-00)
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TPATE Substitute for Form 1449A/PTO
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

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	Complete if Known		
	Application Number:	10/771,569	
	Filing Date:	February 4, 2004	
	First Named Inventor:	Ratph Ellis Grier	
	Group Art Unit:	3612	
	Examiner Name:	Not Yet Assigned	
	Attorney Docket Number:	802659-0002	

	U. S. PATENT DOCUMENTS					
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ito		5,829,819		Searfoss	11-03-1998	
13		5,887,937		Searfoss .	03-30-1999	
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		Foreign Patent Document				Date of Publication of	Pages, Columns, Lines,	П
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Examiner Signature	Wedon Ahr	Date Considered	8/3107

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Unique citation designation number. \$2 See attached Kinds of U.S. Patent Documents. \$2 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.*

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Substitute for Form 1449B/PTO (Modified)

Sheet

PTO/SB/08B (08-00) Approved for use through 10/31/2002, OMB 0651-0031

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STATEMENT	BY APPLICANT

(use as many sheets as necessary)

of 2

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None.	Т

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Considered

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